# Eva Weichien Lee

**Email**: work@evalee.net
**Portfolio:** https://alt-0222.github.io/

I'm an autodidact/polymath-in-training with expertise and experiences across multiple disciplines and domains. I draw from these bodies of knowledge to implement out-of-the-box solutions to solve problems and improve efficiency.

## SKILLS

- **TECHNICAL SKILLS:** Rust, dAPP, Smart Contracts, Ethereum, Blockchain, Graphql, Web3.js, Amazon Web Services AWS, Docker, Vulnerability Assessment, Kali Linux, Microsoft Azure, Java, C, Amazon Alexa Skills, REST, Networks, Identity Access Management IAM, CI/CD, Technical Project Leadership, SaaS, DevOps.

- **BUSINESS SOLUTION SKILLS:** Go-To Market Strategies, Strategic Planning & Sourcing, Cost Optimization, Business Requirements, Proforma Analysis, Project Management, Disaster Recovery Planning, Quantitative Analysis, Requirements Gathering, Market Research, Corporate Tax, Due Diligence, Financial Modeling, Proof of Concept, Change Management, Intellectual Property (IP), Utility Provisional & Non-Provisional Patents, Mentorship

## EXPERIENCES

## NERDPOWER LLC                                              LAS VEGAS, NV

Business & Full Stack Technical Solutions Consultant                        2018 - Present

### BUSINESS TAX SOLUTIONS CONSULTING

- Reduced clients' tax liability to an average of **-18.74%** effective tax rate.

### DEPARTMENT OF DEFENSE (DOD) FEDERAL CONTRACTOR

- WOSB, SBA, ESA, GSA, and SAM certified federal contractor specializing in computing technology services.

**ZAPPOS.COM** – Selected by CTO to identify and evaluate web application security.

- Performed penetration testing on Zappos' infrastructure and vulnerability assessment of web applications.
- Drafted best practices to mitigate security vulnerabilities.

**CUSTOM CLOUD INTEGRATIONS** – Led the development of full application stacks from operating systems to customized web and mobile applications.

- Worked in collaboration with client business units, shareholders, and software developers from proof of concept (POC) through minimal viable product (MVP).
- Enterprise "seed-to-sale" system (ERP) design, development, and integration for cannabis cultivation and processing:
- Reduced proposed ERP costs by ~65% by customization and integration of APIs, data stores, and technology stacks.
- Customized in-development software to clients' requirements and regulatory environments.

**ADMISSION AG - IEDU COLLEGE COUNSELING** – Private academia institution specializing in magnet academic programs.

- Winner of 2018 Congressional App Challenge for ChromaCalendar.
- Developed and executed computer science curriculum and instructional approaches to meet the needs of individual students.

## TONY HSIEH
Technical Consultant

LAS VEGAS, NV – PARK CITY, UT

2019 - 2020

- Consultant for Tony Hsieh, former CEO of Zappos.com, with a broad mandate of increasing expediency and minimizing costs while maintaining quality excellence.
- Managed projects from initiation through completion, including planning, analysis, implementation, and post-implementation reviews.
- Designed and developed automated serverless applications solutions utilizing robotic process automation, natural language processing, machine learning models, and cloud technologies.
- Engineered cloud-native data virtualization to address app fatigue, streamline organizational communication and increase organizational efficiency.
- Developed application architecture strategy to efficiently align with shareholders' values and goals.
- Delivered lower cost, out-of-the-box solutions against aggressive schedules -
- Awarded the "MacGyver" prize for recognition in outstanding process improvements in project deliverables.
- Researched new technologies and devised a plan to build a regulatory compliant chemical laboratory on residential zoning
- Developed efficient, out-of-the-box solutions to meet final project deliverables within 6 months while achieving regulatory compliancy and safety requirements.

## LAW OFFICE OF GEORGE G.C. TSENG, LLP - LOZA & LOZA LLP
Patent Agent

PASADENA, CA

2012 - 2015

- Coordinated and managed client dockets and portfolio deliverables.
- Prepared patentability, infringement, right-to-use, (clearance), validity opinions; and domestic and foreign utility patent prosecutions, requests, and reexaminations.
- Assisted in preparation and prosecution of domestic and foreign provisional and non-provisional applications pertaining to computer networking, wireless and traditional telecommunications, solid-state lighting (SSL), RFID, internet infrastructure, multimedia, semiconductor, computer architecture, and business methods.

## EDUCATION

- **UNIVERSITY OF CALIFORNIA BERKELEY EXTENSION**
  Computer Science - Java                    2020 – 2021
- **HARVARD UNIVERSITY / HARVARD EXTENSION**
  Computer Science                           2015 – 2018
- **UNIVERSITY OF CALIFORNIA BERKELEY**
  Psychology                                 2000 – 2001

## CERTIFICATIONS

- **AMAZON WEB SERVICES (AWS) SOLUTIONS ARCHITECT**     7B560BDKG1RQ13WE
- **U.S. DEPARTMENT OF DEFENSE (DOD) CONTRACTOR**     8ZCH3
- **U.S. GSA FEDERAL PROCUREMENT CONTRACTOR**     J3CWQMQLNM11
- **SOCIETY OF ACTUARIES (SOA)**     Exam P

## AWARDS

- **UNITED STATES CONGRESSIONAL APP CHALLENGE**

  Winner of the 2018 United States Congressional Computer Science challenge

- **THE MACGYVER AWARD**

  Winner of the 2020 challenge

## SPOKEN LANGUAGES

- Native bilingual in Mandarin Chinese and English.
- Intermediate proficiency in Cantonese Chinese and Taiwanese Hokkien dialects.
- Elementary proficiency in Korean.

## TECHNICAL PROJECTS

- **WEB SCANNER** — A web vulnerability scanner written in Rust that inspects and maps multiple attack surfaces of a website; Enumerates website's ports and subdomains for CVEs and CWEs and parses the results.
- **SHA-1 WHACK CRACK** — A simple SHA-1 hash password cracker written in Rust.
- **WOOF-WOOF MEDIA NFT** — ERC-721 tokenization fun.
- **MENIAL MONKEY BOT** — An automated productivity bot to address "app fatigue". with customized Alexa Skills Kit to seamlessly automate workflow processes across various platforms and technologies.
- **MONKEY BOT MODULES** — Automatic bots and other modules built on AWS to analyze and process workflow pull requests across various platforms and technologies.
- **COMPUTER SCIENCE CURRICULUM DESIGN** — Customized educational approaches tailored to each students' aptitude. Winner of the 2018 Congressional App Challenge for ChromaCalendar.